

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)

ATTY. DOCKET NO.

100086.415

APPLICATION NO.

10/714,556

APPLICANTS

Orest W. Blaschuk et al.

FILING DATE

November 14, 2003

GROUP ART UNIT

1654

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,245,012	09/14/93	Lombardi et al.	530	353	
	AB	5,417,224	05/23/95	Petrus et al.	128	833	
	AC	5,505,956	04/09/96	Kim et al.	424	448	
	AD	5,510,628	04/23/96	Georger, Jr. et al.	257	32	
	AE	5,613,958	03/25/97	Kochinke et al.	604	307	
	AF	6,110,747	08/29/00	Blaschuk et al.	436	512	
	AG	6,169,071	01/02/01	Blaschuk et al.	514	4	
	AH	6,203,788	03/20/01	Blaschuk et al.	424	93.7	
	AI	6,207,639	03/27/01	Blaschuk et al.	514	11	
	AJ	6,248,864	06/16/01	Blaschuk et al.	530	317	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AK	0 566 816 A1	10/27/93	EP		
	AL	0 821 060 A	01/28/98	EP (+ abstract)		
	AM	WO91/18098 A	11/28/91	PCT		
	AN	WO00/20607 A	04/13/00	PCT		

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	Al-Obeidi, F., et al., "Peptide and Peptidomimetic Libraries," <i>Molecular Biotechnology</i> 9(3):205-223, June 1998.
	AQ	Avellana-Adalid, V., et al., "Expansion of Rat Oligodendrocyte Progenitors Into Proliferative "Oligospheres" That Retain Differentiation Potential," <i>J. Neurosci. Res.</i> 45:558-570, 1996.
	AR	Baron-Van Evercooren, A., et al., "Cell-Cell Interactions During the Migration of Myelin-Forming Cells Transplanted in the Demyelinated Spinal Cord," <i>GLIA</i> 16:147-164, 1996.

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	BA	6,277,824	08/21/01	Doherty et al.	514	13	
	BB	6,294,153	09/25/01	Modi	424	45	
	BC	6,303,576	10/16/01	Blaschuk et al.	514	14	
	BD	6,310,177	10/30/01	Blaschuk et al.	530	317	
	BE	6,326,352	12/04/01	Blaschuk et al.	514	9	
	BF	6,333,307	12/25/01	Blaschuk et al.	514	9	
	BG	6,346,512	02/12/02	Blaschuk et al.	514	11	
	BH	6,358,920	03/19/02	Blaschuk et al.	514	9	
	BI	6,391,855	05/21/02	Blaschuk et al.	514	17	
	BJ	6,417,325	07/09/02	Blaschuk et al.	530	317	
	BK	6,433,149	08/13/02	Blaschuk et al.	530	412	
	BL	6,465,427	10/15/02	Blaschuk et al.	514	9	
	BM	6,472,367	10/29/02	Blaschuk et al.	514	9	
	BN	6,472,368	10/29/02	Doherty et al.	514	9	
	BO	6,562,786	05/13/03	Blaschuk et al.	514	11	

### OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	BQ	Blaschuk, O., et al., "Cadherins as modulators of angiogenesis and the structural integrity of blood vessels," <i>Cancer and Metastasis Reviews</i> 19:1-5, 2000.
	BR	Blaschuk, O., et al., "Estradiol Stimulates Cadherin Expression in Rat Granulosa Cells," <i>Developmental Biology</i> 136:564-567, 1989.
	BS	Blaschuk, O., et al., "Identification of a Cadherin Cell Adhesion Recognition Sequence," <i>Developmental Biology</i> 139:227-229, 1990.
	BT	Blaschuk, O., et al., "Identification of a Conserved Region Common to Cadherins and Influenza Strain A Hemagglutinins," <i>J. Mol. Biol.</i> 211:679-682, 1990.
	BU	Cardarelli, P., et al., "The Collagen Receptor $\alpha 2 \beta 1$ , from MG-63 and HT1080 Cells, Interacts with a Cyclic RGD Peptide*," <i>J. Biol. Chem.</i> 267(32):23159-23164, 1992.

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<b>OTHER PRIOR ART</b> (Including Author, Title, Date, Pertinent Pages, Etc.)			
	CA	Cepek, K., et al., "Expression of a candidate cadherin in T lymphocytes," <i>Proc. Natl. Acad. Sci. USA</i> 93:6567-6571, 1996.	
	CB	Doherty, P., et al., "Signal transduction events underlying neurite outgrowth stimulated by cell adhesion molecules," <i>Curr. Op. Neurobiol</i> 4:49-55, 1994.	
	CC	Doherty, P., et al., "The Neural Cell Adhesion Molecule and Synaptic Plasticity," <i>J. Neurobiology</i> 26(3):437-446, 1995.	
	CD	Doherty, P., et al., "CAM-FGF Receptor Interactions: A Model for Axonal Growth," <i>Mol. Cell. Neurosci.</i> 8:99-111, 1996.	
	CE	Eichler, J., et al., "Peptide, Peptidomimetic, and Organic Synthetic Combinatorial Libraries," <i>Medicinal Research Review</i> 15(6):481-496, November 1995.	
	CF	Fannon, A., et al., "A Model for Central Synaptic Junctional Complex Formation Based on the Differential Adhesive Specificities of the Cadherins," <i>Neuron</i> 17:423-434, 1996.	
	CG	Franz, T., "The Finite Dose Technique as a Valid <i>in vitro</i> Model for the Study of Percutaneous Absorption in Man," <i>Curr. Prob. Dermatol.</i> 7:58-68, 1978.	
	CH	Franz, J., "Percutaneous Absorption. On the Relevance of In Vitro Data," <i>The Journal of Invest. Dermatol.</i> 64:190-195, 1975.	
	CI	Gillespie, P., et al., "Conformational Analysis of Dipeptide Mimetics," <i>Peptide Science</i> 43(3):191-217, 1997.	
	CJ	Groves, A.K., et al., "Repair of demyelinated lesions by transplantation of purified 0-2A progenitor cells," <i>Nature</i> 362:453-455, 1993.	
	CK	Guilford, "E-Cadherin Downregulation in Cancer: Fuel on the Fire?" <i>Molecular Medicine Today</i> 5(4):172:177, April 1999 (XP001155310 ISSN:1357-4310).	
	CL	Hall, H., et al., "REVIEW: A Role for the FGF Receptor in the Axonal Growth Response Stimulated by Cell Adhesion Molecules?" <i>Cell Adhesion and Communication</i> 3:441-450, 1996.	
	CM	Hruby, V., et al., "Synthesis of oligopeptide and peptidomimetic libraries," <i>Current Opinion in Chemical Biology</i> 1:114-119, 1997.	
	CN	Iruela-Arispe et al., "Expression of SPARC during Development of the Chicken Chorioallantoic Membrane: Evidence for Regulated Proteolysis In Vivo," <i>Molecular Biology of the Cell</i> 6:327-343, 1995.	
	CO	Jankowski, J.A.Z., et al., "Alterations in Classical Cadherins Associated with Progreession in Ulcerative and Crohn's Colitis," <i>Laboratory Investigation</i> 78(9):1155-1167, September 1998.	
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	DA	Laird, W., et al., "Gap Junction Turnover, Intracellular Trafficking, and Phosphorylation Of Connexin43 in Brefeldin A-treated Rat Mammary Tumor Cells," <i>J. Cell Biol.</i> 131(5):1193-1203, December 1995.			
	DB	Lee, M-G., et al., "Expression of the Homotypic Adhesion Molecule E-Cadherin by Immature Murine Thymocytes and Thymic Epithelial Cells <sup>1</sup> ," <i>J. Immunol.</i> 152:5653-5659, 1994.			
	DC	Li, G., et al., "N-Cadherin-mediated Intercellular Interactions Promote Survival and Migration of Melanoma Cells," <i>Cancer Research, Amer. Assoc. for Cancer Research</i> 61(9):3819-3825, May 1, 2001.			
	DD	Martin, K., et al., "Cell Adhesion Molecules, CREB, and the Formation of New Synaptic Connections," <i>Neuron</i> 17:567-570, 1996.			
	DE	Martin-Padura, I., et al., "Junctional Adhesion Molecule, a Novel Member of the Immunoglobulin Superfamily That Distributes at Intercellular Junctions and Modulates Monocyte Transmigration," <i>J. Cell. Biol.</i> 142(1):117-127, 1998.			
	DF	Munro, S., et al., "Characterization of Cadherins Expressed by Murine Thymocytes," <i>Cellular Immunology</i> 169:309-312, 1996.			
	DG	Munro, S., et al., <i>Cell Adhesion and Invasion in Cancer Metastasis</i> , RG Landes Co., Austin, TX, 1996, Chap. 3, "The Structure, Function and Regulation of Cadherins," pp.17-34..			
	DH	Newton, S., et al., "N-Cadherin Mediates Sertoli Cell-Spermatogenic Cell Adhesion," <i>Develop. Dynamics</i> 197:1-13, 1993.			
	DI	Noë et al., "Inhibition of adhesion and induction of epithelial cell invasion by HAV-containing E-cadherin-specific peptides," <i>Journal of Cell Science</i> 112(1):127-135, January 1999.			
	DJ	Nollett et al, "Phylogenetic Analysis of the Cadherin Superfamily allows Identification of Six Major Subfamilies Besides Several Solitary Members," <i>Journal of Molecular Biology</i> 299:551-572, 2000.			
	DK	Overduin, M., et al., "Solution Structure of the Epithelial Cadherin Domain Responsible for Selective Cell Adhesion," <i>Science</i> 267:386-389, 20 January 1995.			
	DL	Purohit, S., et al., "Impaired E-cadherin expression in human spermatozoa in a male factor infertility subset signifies E-cadherin-mediated adhesion mechanisms operative in sperm-olemma interactions," <i>Biochemical and Biophysical Communications</i> 316:903-909, 2004.			
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	DA		Ripka, A., et al., "Peptidomimetic design," <i>Current Opinion in Chemical Biology</i> 2:441-452, 1998.		
	DB		Rosenberg, P., et al., "A Potential Role of R-cadherin in Striated Muscle Formation," <i>Developmental Biology</i> 187:55-70, 1997.		
	DC		Rowlands, T., et al., "Cadherins: Crucial regulators of structure and function in reproductive tissues," <i>Reviews in Reproduction</i> 5:53-61, 2000.		
	DD		Safell, J., et al., "Expression of a Dominant Negative FGF Receptor Inhibits Axonal Growth and FGF Receptor Phosphorylation Stimulated by CAMs," <i>Neuron</i> 18:231-242, 1997.		
	DE		Tamura, K., et al., "Structure-Function Analysis of Cell Adhesion by Neural (N-) Cadherin," <i>Neuron</i> 20:1153-1163, June 1998.		
	DF		Tsutsui et al., "Expression of Cadherin-Catenin Complexes in Human Leukemia Cell Lines," <i>J. Biochem.</i> 120:1034-1039, 1996.		
	DG		Williams, G., et al., "Dimeric Versions of Two Short N-cadherin Binding Motifs (HAVDI and INPISG) Function as N-Cadherin Agonists," <i>J. Biol. Chem.</i> 277(6):4361-4367, 2002.		
	DH		Williams, E., et al., "Activation of the FGF Receptor Underlies Neurite Outgrowth Stimulaed by L1, N-CAM, and N-Cadherin," <i>Neuron</i> 13:583-594, September 1994.		
	DI				
	DJ				
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